HOW TO TEST ELECTRONIC, ELECTRICAL & ELECTRO-MECHANICAL COMPONENTS

If you repair electronic, electrical and/or electro-mechanical machines, this is the book you have been looking for, but were never able to find...until now!

Using this book you will be able to safely and quickly **TEST THE TOP 50 COMPONENTS** commonly used in a wide variety of machines permeating multiple sector of the economy.

Such machines include:

- Consumer and commercial major appliances (clothes dryers & washers, ranges, microwave ovens, etc..)
- Electric power tools & yard equipment, power generators, electric snow blowers/leaf blowers, etc...
- Electrical systems in a motorcycle, RV, boat, car, train, bus or other motorized vehicle.
- Medical and veterinary equipment (electric beds, infusion pumps, etc..)
- Swimming pool/hot tub/reclining beds/chairs.
- ➤ Air conditioners, water heaters, furnaces, etc...
- ➤ Audio amplifiers and musical instruments.
- Industrial machines used in manufacturing.
- ➤ Video monitors, TVs and projectors.
- > Amusement/theme park rides.
- > ATM and vending machines.
- Telecom equipment.
- ➤ And the list goes on...

Learn to safely and quickly test:

wires, cables, PCB traces, fuses, overload protectors, bulbs, coils, speakers, magnetic sensors, motors, fans, motorized pumps, re-circulators, compressors, solenoids, solenoid valves, EMRs, SSRs, transformers, mechanical switches, mechanical timers, magnetic switches, bi-metal/expansion thermostats, pressure [pneumatic/hydraulic] switches, resistors, potentiometers, thermal sensors, capacitors, magnetrons, ignitors, flame sensors, light sensors, rectifier diodes, signal diodes, zener diodes, varactor diodes, transient voltage suppressors, bridge rectifier ICs, BJTs, FETs, Darlingtons, MOSFETs, IGBTs, SCRs, TRIACs, ICs, photodiodes, phototransistors, LASCRs, LATRIACs, opto-isolators/photocoupler ICs

Using this book:

- YOU GET techniques and procedures that have been time-tested and used in the real-world, not theoretic, academic experiments!
- <u>YOU GET</u> step-by-step instructions in plain English.
- **YOU GET** clear, easy-to follow illustrations.
- <u>YOU GET</u> tips & tricks to help you resolve common failures.
- <u>YOU GET</u> technical details to help you select the correct replacement part.
- <u>YOU SAVE MONEY</u> by reducing the possibility of misdiagnosis.
- <u>YOU SAVE TIME</u> by doing it right the first time!

ALL OF THIS TYPICALLY LEADS TO ...

A HAPPIER, MORE SATISFIED CLIENT/SUPERVISOR!

About the Author: Mario Santos is the President and Founder of Santronics Inc. His philosophy of life and business can be summed up in three sentences: Life is too short! Dare to explore new horizons! Make a difference! A highly respected and recognized innovator for developing systems and strategies for accelerated technical training, for more than 20 years, Mario has been sought after for his results-oriented approach to today's high-tech training challenges. As a practicing electronics professional and a technical training consultant, he has been involved with electronics-related industries for over thirty years. On two continents, he has had the privilege of offering his expertise to government agencies, major corporations, and the general public, in a wide variety of fields including industrial/manufacturing machinery, public transportation, consumer/commercial audio and video equipment, security equipment, the automobile industry, and residential electrical and electronic systems. In addition to over 30 years of field experience, Mario holds a degree in Electronics Engineering, among an extensive list of professional credentials and civic accolades.

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